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FOREIGN AD

MCAF



Airworthiness Directive

D-2004-352R2

Luftfahrt-Bundesamt

Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
GERMANY

Hoffmann

FAA-04-18958-5

Effective Date: 23 July 2004

Affected:

Kind of aeronautical product:	Aircraft Propeller
Manufacturer:	Hoffmann Propeller GmbH&Co. KG, Rosenheim, Germany
Type:	HO-V343
Models affected:	HO-V343K
Serial Numbers affected:	All
German Type Certificate No.:	32.130/90

Subject:

Possible hub failure due to unknown reasons.

Reason:

An occurrence of propeller blade separation due to a possible hub failure has been reported. The cracked propeller hub is still under investigation and therefore no detailed information about the kind of failure is known at present time. The actions specified by this Airworthiness Directive are of precautionary nature and intended to prevent possible further hub failures.

Action:

The following actions are required by this Airworthiness Directive:

1. Examination of the propeller blade shake.
2. Examination of the blade retention nut preload torque.
3. Eddy current inspection and visual inspection of the propeller hub in the internal blade retention area for cracks and damages.
4. Exchange or repair of the propeller if any blade shake or signs of cracks or damages of the propeller hub outside serviceable limits have been detected during the inspection.

All necessary actions must be performed on the basis of the referenced manufacturer Service Bulletin and Service Instruction.

Compliance:

For the actions mentioned above the following compliance times have been laid down:

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|-----------------|--|
| Action 1 and 4: | Prior to further flights. |
| Action 2 and 3: | For propeller hubs exceeding 1200 flight hours TSN (time since new): |
| | - Prior to the next flight |
| | - The inspection has to be repeated in an interval of 100 flight hours TIS (time in service) |
| | For propeller hubs fewer than 1200 flight hours TSN: |
| | - Before accumulating of 1200 flight hours TSN |

Technical publication of the manufacturer:

Hoffmann Propeller Service Bulletin 61-10-03 E 15B of 13 July 2004 and Service Instruction 61-10-05 SI E 4B of 13 July 2004 or later approved revision. These manufacturer publications become herewith part of this AD and can be obtained from:

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Küpfertingstraße 9
83022 Rosenheim
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EASA-Approval

Approved by EASA under Approval-No. 2004-7836 on 20 July 2004.

Enquiries regarding this Airworthiness Directive should be referred to Mr. Martin Borsum, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-720. Please note, that in case of any difficulty, reference should be made to the German issue!

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